

09933334_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09933334 on October 30, 2002

11 60/300 (2 OR, 10 XR)

Class 60 : POWER PLANTS

60/271 INTERNAL COMBUSTION ENGINE WITH TREATMENT OR
HANDLING OF EXHAUST GAS

60/282 .By means producing a chemical reaction of a
component of the exhaust gas

60/299 ..Using a catalyst

60/300 ...Having a means for heating the catalyst

10 422/174 (4 OR, 6 XR)

Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING

422/129 CHEMICAL REACTOR

422/168 .Waste gas purifier

422/173 ..With heat exchanger for reaction chamber or
reactants located therein

422/174 ...Electrical type

10 422/177 (1 OR, 9 XR)

Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING

422/129 CHEMICAL REACTOR

422/168 .Waste gas purifier

422/177 ..Including solid, extended surface, fluid
contact reaction means; e.g., inert Raschig

rings,

particulate absorbent, particulate or monol

ithic catalyst,

etc.

9 422/180 (0 OR, 9 XR)

Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING

422/129 CHEMICAL REACTOR

422/168 .Waste gas purifier

422/177 ..Including solid, extended surface, fluid
contact reaction means; e.g., inert Raschi

g rings,

particulate absorbent, particulate or mono

lithic catalyst,

etc.

422/180 ...Unitary (i.e., nonparticulate contact bed
(e.g., monolithic catalyst bed, etc.)

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- 6 55/DIG 31 (0 OR, 3 XR)
 Class 555 : GAS SEPARATION
 55/DIG 30 Exhaust treatment
- 5 422/109 (0 OR, 5 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/108 CONTROL ELEMENT RESPONSIVE TO A SENSED
 OPERATING CONDITION
 422/108 .Control element responds proportionally to a
 variable signal from a sensor
 422/109 ..Controls heat transfer
- 5 422/199 (0 OR, 5 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/198 CHEMICAL REACTOR
 422/198 .Including heat exchanger for reaction chamber
 or reactants located therein
 422/199 ..Electrical type
- 4 60/297 (1 OR, 3 XR)
 Class 600 : POWER PLANTS
 60/270 INTERNAL COMBUSTION ENGINE WITH TREATMENT OR
 HANDLING OF EXHAUST GAS
 60/282 .By means producing a chemical reaction of a
 component of the exhaust gas
 60/297 ..Reactor plus a washer, sorber or mechanical
 separator
- 4 137/215 (1 OR, 3 XR)
 Class 137 : FLUID HANDLING
 137/215 BACK FLOW PREVENTION BY VACUUM BREAKING (E.G.,
 ANTI-SIPHON DEVICES)
 137/216 .Air vent in liquid flow line
- 4 241/46.013 (0 OR, 4 XR)
 Class 241 : SOLID MATERIAL COMMINATION OR DISINTEGRATION
 241/38 .Including means applying fluid to material
 241/46.01 ..Liquid submerged comminuting zone
 241/46.013 ...Under-sink garbage disposal
- 4 422/173 (2 OR, 2 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/173 CHEMICAL REACTOR

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422 169 .Waste gas purifier
 422 173 ..With heat exchanger for reaction chamber or
 reactants located therein

4 431.7 (1 OR, 3 XR)
 Class 431 : COMBUSTION
 431.1 PROCESS OF COMBUSTION OR BURNER OPERATION
 431.7 ..In a porous body or bed, e.g., surface
 combustion, etc.

3 47629 (1 OR, 2 XR)
 Class 034 : BATHS, CLOSETS, SINKS, AND SPITTOONS
 47619 WASH RECEPTACLES
 47629 .With garbage receptor or tableware extractor

3 60/284 (1 OR, 3 XR)
 Class 060 : POWER PLANTS
 60/272 INTERNAL COMBUSTION ENGINE WITH TREATMENT OR
 HANDLING OF EXHAUST GAS
 60/282 .By means producing a chemical reaction of a
 component of the exhaust gas
 60/284 ..Automatic or timed reactor purge or heat-up
 in engine starting operation

3 60/289 (2 OR, 1 XR)
 Class 060 : POWER PLANTS
 60/272 INTERNAL COMBUSTION ENGINE WITH TREATMENT OR
 HANDLING OF EXHAUST GAS
 60/282 .By means producing a chemical reaction of a
 component of the exhaust gas
 60/287 ..Condition responsive control of reactor feed
 pressure, or by-pass
 60/289 ...Air feed to reactor modulated or diverted b
 y
 control

3 60/289 (1 OR, 1 XR)
 Class 060 : POWER PLANTS
 60/272 INTERNAL COMBUSTION ENGINE WITH TREATMENT OR
 HANDLING OF EXHAUST GAS
 60/282 .By means producing a chemical reaction of a
 component of the exhaust gas
 60/299 ..Using a catalyst

3 60/303 (1 OR, 3 XR)
 Class 060 : POWER PLANTS

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- 60/271 INTERNAL COMBUSTION ENGINE WITH TREATMENT OF
HANDLING OF EXHAUST GAS
- 60/281 .By means producing a chemical reaction of a
component of the exhaust gas
- 60/303 ..Having heater, igniter, or fuel supply for
reactor
- 3 204/416 (0 OR, 3 XR)
Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
204/193 APPARATUS
204/194 .Electrolytic
204/400 ..Analysis and testing
204/406 ...With means for temperature or pressure
compensation
- 3 204/421 (0 OR, 3 XR)
Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
204/193 APPARATUS
204/194 .Electrolytic
204/400 ..Analysis and testing
204/421 ...Solid electrolyte
204/424Gas sample sensor
204/425With impressed current means
- 3 204/426 (0 OR, 3 XR)
Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
204/193 APPARATUS
204/194 .Electrolytic
204/400 ..Analysis and testing
204/421 ...Solid electrolyte
204/424Gas sample sensor
204/426Planar electrode surface
- 3 210/173 (1 OR, 2 XR)
Class 210 : LIQUID PURIFICATION OR SEPARATION
210/173 COMMUNUTING
- 3 210/232 (2 OR, 1 XR)
Class 210 : LIQUID PURIFICATION OR SEPARATION
210/232 WITH REPAIR OR ASSEMBLING MEANS
- 3 210/418 (0 OR, 3 XR)
Class 210 : LIQUID PURIFICATION OR SEPARATION
210/346 FILTER
210/418 .With flow controller for material being
treated
- 3 210/460 (0 OR, 3 XR)

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Class 217 : LIQUID PURIFICATION OR SEPARATION
 217/346 FILTER
 217/459 .Pipe or plate attached type
 217/460 ..Attached to open end of pipe

3 219 552 (1 OR, 1 XR)

Class 219 : ELECTRIC HEATING
 219/261 .Resistive element: igniter type
 219/262 .With heating unit structure
 219 552 ..Heating element structure

3 241/46.016 (2 OR, 1 XR)

Class 241 : SOLID MATERIAL COMMINUTION OR DISINTEGRATION
 241/36 .Including means applying fluid to material
 241/46.01 ..Liquid submerged comminuting zone
 241/46.013 ...Under-sink garbage disposal
 241/46.014Having particular housing structure
 241/46.016Inlet provision

3 285/125.1 (0 OR, 3 XR)

Class 285 : PIPE JOINTS OR COUPLINGS
 285/125.1 FOR BRANCHED PATH

3 422/171 (1 OR, 2 XR)

Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/129 CHEMICAL REACTOR
 422/168 .Waste gas purifier
 422/169 ..Including means providing sequential
 purification stages
 422/170 ...Plural chemical reaction stages
 422/171Solid, extended surface, fluid contact typ

e

3 422/176 (0 OR, 3 XR)

Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/129 CHEMICAL REACTOR
 422/168 .Waste gas purifier
 422/176 ..Including waste gas flow distributor upstrea

m.

of reaction site and within reaction chambe

r modifying

velocity profile of gas

3 422/222 (0 OR, 3 XR)

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Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/112 CHEMICAL REACTOR
 422/211 .Including solid, extended surface, fluid
 contact reaction means; e.g., inert Raschi
 g rings,
 particulate absorbent, particulate or mono
 lithic catalyst,
 etc.
 422/221 ..Unitary (i.e., nonparticulate) contact bed,
 (e.g., monolithic catalyst bed, etc.

3 429/20 (0 OR, 3 XR)
 Class 429 : CHEMISTRY: ELECTRICAL CURRENT PRODUCING
 APPARATUS, PRODUCT, AND PROCESS
 429/12 FUEL CELL, SUBCOMBINATION THEREOF OR METHODS O
 F
 OPERATING
 429/13 .Having means for active material generation o
 F
 regeneration
 429/20 ..By heating or cooling

3 429/26 (0 OR, 3 XF)
 Class 429 : CHEMISTRY: ELECTRICAL CURRENT PRODUCING
 APPARATUS, PRODUCT, AND PROCESS
 429/12 FUEL CELL, SUBCOMBINATION THEREOF OR METHODS O
 F
 OPERATING
 429/26 .Having heat exchange means

3 435/290.1 (3 OR, 0 XF)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/283.1 APPARATUS
 435/289.1 .Bioreactor
 435/290.1 ..Composting apparatus
 435/290.2 ...Including agitation means

2 4/235 (0 OR, 2 XF)
 Class 004 : BATHS, CLOSETS, SINKS, AND SPITTOONS
 4/236 STRAINER, STOPPER, PLUG OR CLOSURE
 4/235 .Plugs

2 4/640 (0 OR, 2 XR)
 Class 004 : BATHS, CLOSETS, SINKS, AND SPITTOONS
 4/619 WASH RECEPTACLES
 4/639 .Plural receptacles

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4/640

..With drain

- 2 4/DIG 4 (0 OR, 2 NR)
 Class 004 : BATHS, CLOSETS, SINKS, AND SPITTOONS
 4/DIG 4 Garbage grinder
- 2 15/104.001 (0 OR, 2 NR)
 Class 015 : BRUSHING, SCRUBBING, AND GENERAL CLEANING
 15/104.001 IMPLEMENTS
- 2 15/105 (0 OR, 0 NR)
 Class 015 : BRUSHING, SCRUBBING, AND GENERAL CLEANING
 15/104.001 IMPLEMENTS
 15/105 .Combined
- 2 15/236.01 (0 OR, 2 NR)
 Class 015 : BRUSHING, SCRUBBING, AND GENERAL CLEANING
 15/104.001 IMPLEMENTS
 15/236.01 .Scrapers
- 2 15/245 (0 OR, 2 NR)
 Class 015 : BRUSHING, SCRUBBING, AND GENERAL CLEANING
 15/104.001 IMPLEMENTS
 15/245 .Squeegee
- 2 15/245.1 (0 OR, 2 NR)
 Class 015 : BRUSHING, SCRUBBING, AND GENERAL CLEANING
 15/104.001 IMPLEMENTS
 15/245.1 .Bladed spreader
- 2 34/265 (1 OR, 1 NR)
 Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS
 34/265 MATERIAL TREATED BY ELECTROMAGNETIC ENERGY
 34/269 .Microwave energy
 34/265 ..Having treating gas or vapor circulation
- 2 34/74 (1 OR, 1 NR)
 Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS
 34/623 APPARATUS
 34/74 .With means to treat gas or vapor
 34/73 ..By vapor condensation
 34/74 ...With other gas or vapor treatment
- 2 55/282.3 (2 OR, 0 NR)
 Class 055 : GAS SEPARATION
 55/282 WITH NONLIQUID CLEANING MEANS FOR SEPARATING

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MEDIA

55/262.2 .With heating or cooling means

55 262.3 ..Residue burned

2 55/487 (0 OR, 2 NR)

Class 055 : GAS SEPARATION

55/482 TWO OR MORE SEPARATORS (E.G., SPACED FILTERS I

N

FLOW LINE OR CASING)

55/486 .Plies or layers of different characteristics
or orientation

55/487 ..Differing mesh sizes

2 55/523 (0 OR, 2 NR)

Class 055 : GAS SEPARATION

55/522 SPECIFIC MEDIA MATERIAL

55 523 .Ceramic or sintered

2 55/534 (0 OR, 2 NR)

Class 055 : GAS SEPARATION

55/522 SPECIFIC MEDIA MATERIAL

55 524 .With coating, impregnant, or bonding agent

2 55/535 (0 OR, 2 NR)

Class 055 : GAS SEPARATION

55/522 SPECIFIC MEDIA MATERIAL

55 525 .Metal mesh or expanded material

2 60/285 (0 OR, 2 NR)

Class 060 : POWER PLANTS

60/282 INTERNAL COMBUSTION ENGINE WITH TREATMENT OR
HANDLING OF EXHAUST GAS60/282 .By means producing a chemical reaction of a
component of the exhaust gas60/285 ..Engine fuel, air, or ignition controlled by
sensor of reactor condition

2 60/311 (0 OR, 2 NR)

Class 060 : POWER PLANTS

60/282 INTERNAL COMBUSTION ENGINE WITH TREATMENT OR
HANDLING OF EXHAUST GAS

60/311 .By sorber or mechanical separator

2 62/341 (0 OR, 2 NR)

Class 062 : REFRIGERATION

62/340 MEANS PRODUCING SHAPED OR MODIFIED CONGEALED
PRODUCT

62/341 .With article press means

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- 2 110/218 (1 OR, 2 XR)
 Class 110 : PRESSES
 110/214 RECIPROCATING PRESS CONSTRUCTION
 110/219 .With material displacing means e.g., ejector
- 2 110/249 (1 OR, 2 XR)
 Class 110 : PRESSES
 110/214 RECIPROCATING PRESS CONSTRUCTION
 110/240 .Box and piston type
 110/246 ..Movable or removable box section
 110/247 ...Separable box head and box frame
 110/249With guided motion
- 2 110/203 (1 OR, 2 XR)
 Class 110 : FURNACES
 110/203 WITH EXHAUST GAS TREATMENT MEANS
- 2 110/244 (1 OR, 2 XR)
 Class 110 : FURNACES
 110/235 REFUSE INCINERATOR
 110/243 .Refuse suspended in or supported by a fluid medium
 110/244 ..Suspended in a gaseous medium
- 2 110/246 (1 OR, 1 XR)
 Class 110 : FURNACES
 110/235 REFUSE INCINERATOR
 110/246 .Rotary drum
- 2 110/259 (1 OR, 2 XR)
 Class 110 : FURNACES
 110/235 REFUSE INCINERATOR
 110/255 .With means for advancing or handling refuse o
 r
 residue
 110/259 ..Residue handling; e.g., ash, etc.
- 2 110/346 (2 OR, 3 XR)
 Class 110 : FURNACES
 110/341 PROCESS
 110/346 .Incinerating refuse
- 2 165/166 (3 OR, 2 XR)
 Class 165 : HEAT EXCHANGE
 165/164 FLOW PASSAGES FOR TWO CONFINED FLUIDS

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- 165 165 .Interdigitated plural first and plural second
fluid passages
- 165 166 ..Stacked plates or shells form interplate
passages
- 2 165/309 (0 OR, 2 XR)
Class 165 : HEAT EXCHANGE
165/309 REGENERATION
- 2 165/309 (0 OR, 2 XR)
Class 165 : MOTOR VEHICLES
165/309.1 POWER
165/309.1 ..With means for handling motor exhaust
- 2 165/65.4 (2 OR, 0 XR)
Class 165 : MOTOR VEHICLES
165/65.4.1 POWER
165/65.4.1 .Electric
165/65.4.3 ..With means on vehicle for generating power
for the electric motor
165/65.4.4 ...Generating means is driven by a prime mover
- 2 204/424 (1 OR, 1 XR)
Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
204/424 APPARATUS
204/424.1 .Electrolytic
204/424.2 ..Analysis and testing
204/424.3 ...Solid electrolyte
204/424.4Gas sample sensor
- 2 205/731 (2 OR, 0 XR)
Class 205 : ELECTROLYSIS: PROCESSES, COMPOSITIONS USED
THEREIN, AND METHODS OF PREPARING THE COMP
OSITIONS
205/775 ELECTROLYTIC ANALYSIS OR TESTING (PROCESS AND
ELECTROLYTE COMPOSITION)
205/775.5 .For nitrogen or nitrogen containing compound
205/775.6 ..Including nitrogen oxide (e.g., gaseous
nitrogen dioxide, dissolved sodium nitrate,
etc.)
- 2 205/734.5 (0 OR, 2 XR)
Class 205 : ELECTROLYSIS: PROCESSES, COMPOSITIONS USED
THEREIN, AND METHODS OF PREPARING THE COMP
OSITIONS
205/775 ELECTROLYTIC ANALYSIS OR TESTING (PROCESS AND

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ELECTROLYTE COMPOSITION

205/781 .For oxygen or oxygen containing compound
except water

205/781.5 ..Using solid electrolyte

205/784 ...Gaseous oxygen or oxygen containing compound

205/784.5In combustible gas e.g., air/fuel mixture
for internal combustion engine, etc.

2 205/785 (0 OR, 2 XR)

Class 205 : ELECTROLYSIS: PROCESSES, COMPOSITIONS USED
THEREIN, AND METHODS OF PREPARING THE COMPO-

SITIONS

205/785 ELECTROLYTIC ANALYSIS OR TESTING (PROCESS AND
ELECTROLYTE COMPOSITION)

205/781 .For oxygen or oxygen containing compound
(except water)

205/781.5 ..Using solid electrolyte

205/784 ...Gaseous oxygen or oxygen containing compound

205/785With heating or temperature sensing

2 210/153 (2 OR, 0 XR)

Class 210 : LIQUID PURIFICATION OR SEPARATION
210/153 STRUCTURAL INSTALLATION

2 210/320 (0 OR, 2 XR)

Class 210 : LIQUID PURIFICATION OR SEPARATION

210/294 DIVERSE DISTINCT SEPARATORS

210/320 .With baffle perpendicular to flow direction

2 241/35 (2 OR, 0 XR)

Class 241 : SOLID MATERIAL COMMINUTION OR DISINTEGRATION

241/33 .With automatic control

2 241/36 (2 OR, 1 XR)

Class 241 : SOLID MATERIAL COMMINUTION OR DISINTEGRATION

241/33 .With automatic control

241/36 ..Of comminutor drive

2 241/DIG 38 (0 OR, 2 XR)

Class 241 : SOLID MATERIAL COMMINUTION OR DISINTEGRATION

241/DIG 38 Solid waste disposal

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- 2 285.133.21 (1 OR, 2 XR)
 Class 285 : PIPE JOINTS OR COUPLINGS
 285.133.1 FOR BRANCHED PATH
 285.133.11 .T-type
 285.133.21 ..Having a seal, gasket, O-ring, or packing
- 2 285.179 (1 OR, 2 XR)
 Class 285 : PIPE JOINTS OR COUPLINGS
 285.179 ELBOW
- 2 285.180 (1 OR, 2 XR)
 Class 285 : PIPE JOINTS OR COUPLINGS
 285.179 ELBOW
 285.180 .Cooperating saddle clamp
- 2 285.323 (1 OR, 2 XR)
 Class 285 : PIPE JOINTS OR COUPLINGS
 285.322 MOVABLE JAW (E.G., CONTRACTIBLE SOCKET)
 285.323 .Wedge bushing
- 2 285.342 (1 OR, 2 XR)
 Class 285 : PIPE JOINTS OR COUPLINGS
 285.335 PACKED
 285.339 .Wedge
 285.342 ..Pushed
- 2 422/108 (0 OR, 2 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422.105 CONTROL ELEMENT RESPONSIVE TO A SENSED
 OPERATING CONDITION
 422.108 .Control element responds proportionally to a
 variable signal from a sensor
- 2 422/110 (0 OR, 2 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422.105 CONTROL ELEMENT RESPONSIVE TO A SENSED
 OPERATING CONDITION
 422.106 .Control element responds proportionally to a
 variable signal from a sensor
 422.110 ..Controls flow rate of a material to or from
- a
 contact zone
- 2 422/132 (1 OR, 1 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,

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421.121 DEODORIZING, PRESERVING, OR STERILIZING
FOR DEODORIZING OF, OR CHEMICAL PURIFICATION
OF, OR GENERATION OF, LIFE-SUSTAINING ENVIRONMENTAL GAS
421.122 .Including solid, extended surface, fluid
contact reaction means e.g., Raschig rings
, particulate or
monolithic catalyst, etc.)

2 422/129 (0 OR, 2 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/129 CHEMICAL REACTOR
422/166 .Waste gas purifier
422/177 ..Including solid, extended surface, fluid
contact reaction means; e.g., inert Raschig
g rings,
particulate absorbent, particulate or monolithic catalyst,
etc.
422/178 ...Fixed bed with resilient or differential
thermal expansion compensating bed support
means

2 422/202 (0 OR, 2 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/129 CHEMICAL REACTOR
422/198 .Including heat exchanger for reaction chamber
or reactants located therein
422/202 ..Heat-exchange jacket surrounding reaction
chamber

2 422/203 (0 OR, 2 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/129 CHEMICAL REACTOR
422/198 .Including heat exchanger for reaction chamber
or reactants located therein
422/203 ..Heat-exchange jacket surrounding reaction
chamber
422/203 ...Including fluid-transfer means connecting
chamber to heat-exchange jacket

2 422/204 (0 OR, 2 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/129 CHEMICAL REACTOR

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- 422/135 .Including heat exchanger for reaction chamber
or reactants located therein
- 422/136 ..Heat-exchange jacket surrounding reaction
chamber
- 422/137 ...Means associated with jacket providing
combustion gas as heat-exchange medium
- 2 422/211 (0 OR, 2 KR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/129 CHEMICAL REACTOR
422/211 .Including solid, extended surface, fluid
contact reaction means; e.g., inert Raschig
rings,
particulate absorbent, particulate or monol
ithic catalyst,
etc.
- 2 422/4 (1 OR, 1 KR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/1 PROCESS DISINFECTING, PRESERVING, DEODORIZING,
OR STERILIZING
422/4 .A gas is substance acted upon
- 2 422/5 (0 OR, 2 KR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/1 PROCESS DISINFECTING, PRESERVING, DEODORIZING,
OR STERILIZING
422/5 .Deodorizing
- 2 423/247 (1 OR, 1 KR)
Class 423 : CHEMISTRY OF INORGANIC COMPOUNDS
423/210 MODIFYING OR REMOVING COMPONENT OF NORMALLY
GASEOUS MIXTURE
423/246 .Carbon monoxide component
423/247 ..Utilizing solid sorbent, catalyst, or
reactant
- 2 426/116 (2 OR, 0 KR)
Class 426 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
426/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
OVERALL DIMENSION, ETC.)
426/116 .Honeycomb-like
- 2 429/17 (2 OR, 0 KR)
Class 429 : CHEMISTRY: ELECTRICAL CURRENT PRODUCING

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 APPARATUS, PRODUCT, AND PROCESS
 429/12 FUEL CELL, SUBCOMBINATION THEREOF OR METHODS OF
 OPERATING
 429/13 .Process of operating
 429/17 ..Generating, regenerating or recycling
 reactant

2 431/326 (0 OR, 0 XR)
 Class 431 : COMBUSTION
 431/326 POROUS, CAPILLARY, PARTICULATE OR SIEVELIKE
 FLAME HOLDER, E.G., RADIANT SURFACE BURNER,
 ETC.

2 431/328 (1 OR, 1 XR)
 Class 431 : COMBUSTION
 431/326 POROUS, CAPILLARY, PARTICULATE OR SIEVELIKE
 FLAME HOLDER, E.G., RADIANT SURFACE BURNER
 , ETC.
 431/328 .Means supplying fuel for passage through the
 flame holding structure, e.g., radiant suri
 are burner

2 431/5 (0 OR, 2 XR)
 Class 431 : COMBUSTION
 431/2 PROCESS OF COMBUSTION OR BURNER OPERATION
 431/5 .Burning waste gas, e.g., furnace gas, etc.

2 435/290.4 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/283.1 APPARATUS
 435/289.1 .Bioreactor
 435/290.1 ..Composting apparatus
 435/290.4 ...Including solid or liquid transport means
 into or out of a compostor

2 502/527.19 (0 OR, 2 XR)
 Class 502 : CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR:
 PRODUCT OR PROCESS OF MAKING
 502/527.19 MONOLITH WITH SPECIFIED SHAPE OR DIMENSION OF
 CELL OPENING (E.G., HONEYCOMB, RINGS, ETC.)